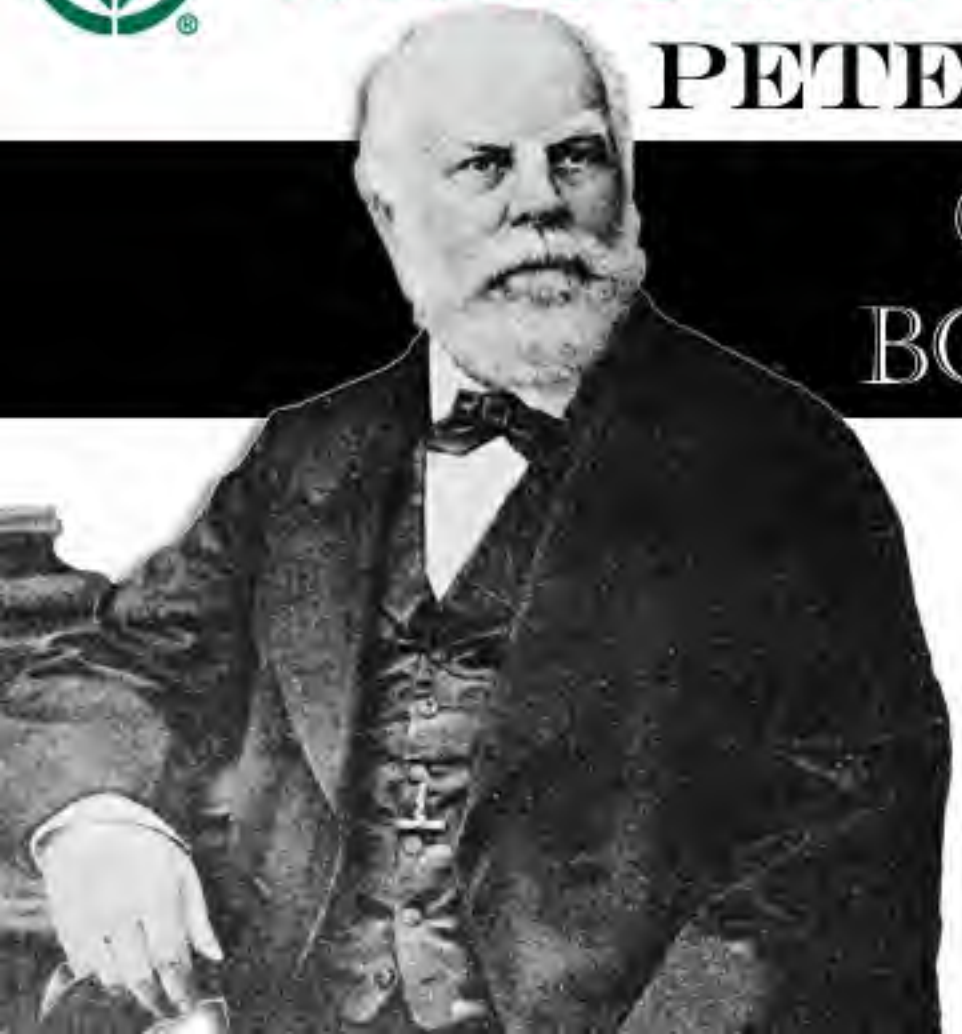
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Cupressus

Gerontogea

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

leaves are totally hid by the

93.	—	*hybridus*			
94.	—	*sibiricus*			
95.	—	*versicol*			
97.	**Astilbe**	*rivula*			
98.	**Astragalus**	*g*			
2288.	—	*hypoglot*			
99.	**Astrantia**	*ma*			
101.	**Aubrietia**	*Ca*			
3076.	† —	*erubes*			
1027.	—	*græca*			
102.	—	*Moore*			

		Incisis foliis arg.-variegatis	"	5	
60.	† —	*mollis*			
788.	† —	*Soyeri*	"	5	
61.	**Aralia**	*edulis*	"	10	
2693.	**Arctotheca**	*grandiflora*	"	3	
62.	**Arenaria**	*balearica*	"	8	
3071.	† —	*biflora*	"	1	
63.	—	*cæspitosa* (*Sergula pilifera*)	"	5	
		per dozen	2	6	
		per cent	1		
3072.	† —	*purpurascens*	1	"	
790.	† **Aretia**	*vitaliana*	1	"	

Michaelangelus Console
Hort. Adsist.

Horti regii Praefectus.

ADNOTATIONES

(1) Visis iconibus Jacquinianis *icon. 469 et coll. 5, 5* huic speciei est certe referenda *M. elliptica Tod. Hort. pan. fasc. 10, tab. XX.*

10875

MISSOURI BOTANICAL GARDEN
0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved

ADNOTATIONES

Michaelangelus Console
Hort. Adsist.

— *sundry fine species, mixed, strong plants, per dozen* . 2 6

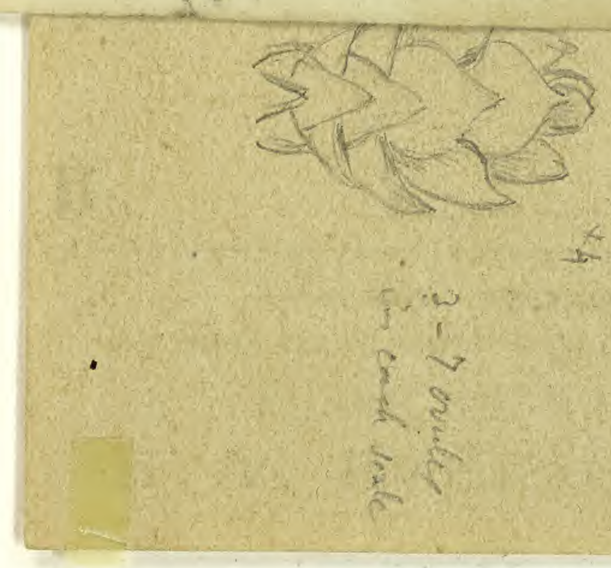
787. † **Arabis** caucasica . . . . . „ 3
3070. † — cærulea . . . . . „ 8
59. † — lucida foliis eleg.-variegatis 1 8
60. † — mollis foliis arg.-variegatis. „ 5
788. † — Soyeri . . . . . „ 5
61. **Aralia** edulis . . . . . „ 5
2693. **Arctotheca** grandiflora . . . . „ 10
62. **Arenaria** balearica . . . . . „ 3
3071. † — biflora . . . . . „ 8
63. — cæspitosa (*Spergula pilifera*) „ 1
per dozen . . . „ 5
per cent 2 6
3072. † — purpurascens . . . . . 1 „
790. † **Aretia** vitallina . . . . . 1 „
67. **Armeria** formosa. . . . . „ 5
1224. — — alba . . . . . „ 5
1162. — Halleri . . . . . „ 5
68. — maritima alba . . . . . „ 3
per dozen . . . 2 „
per cent . . . . 12 „

...s . . . . . „ 5
per dozen . . . 4 „
...inus . . . . . „ 8
...bus . . . . . „ 5
197. — bessarabicus . . . . . „ 5
per dozen . . . 4 „
91. — grandiflorus . . . . . „ 5
92. — horizontalis . . . . . „ 5
per dozen . . . 4 „

The most beautiful of all; it is covered from base to top with white and rose flowers on horizontal branches. The small leaves are totally hid by the abundance of its superb flowers.

93. — hybridus nanus . . . . „ 3
94. — sibiricus . . . . . „ 3
per dozen . . . 2 „
95. — versicolor . . . . . „ 5
97. **Astilbe** rivularis (*Spiræa barbata*). „ 8
98. **Astragalus** galegiformis . . . „ 5
2288. — hypoglottis alba 2 6
99. **Astrantia** major . . . . . „ 5
101. **Aubrietia** Campbelli. . . . . „ 10
3076. † — erubescens . . . . . 1 „
1027. — græca . . . . . „ 10
102. — Mooreana . . . . . „ 3
per dozen . . . 2 „
103. — purpurea foliis albo-marginatis . . . . . „ 5

Exceedingly pretty; leaves distinctly edged with pure white.



0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

122. — rosea . . . . . „ 3
123. **Bocconia** cordata. . . . . „ 5
per dozen . . . 4 „

(FLORE, XVIII, 163.)

Very fine perennials producing, by aid of their ornamental foliage and large panicles of pure white flowers, an exceedingly picturesque effect.

1163. **Butomus** umbellatus. . . . . „ 5
per dozen . . . 4 „

(FLORE, XXII.)

A charming aquatic plant.

1164. **Calamintha** grandiflora. . . . . „ 3
1165. **Calandrinia** umbellata . . . . „ 5
126. **Caltha** palustris flore pleno . . „ 5
127. **Calystegia** dahurica. . . . . „ 3
per dozen . . . „ 10

See the Xth volume FLORE, page 245, for this superb Convolvulus with large satiny rose flowers, striped with white. Very useful for covering arbours, rocks and all kinds of rustic work.

128. — inflata. . . . . „ 3
per dozen . . . 1 8
129. — oculata . . . . . „ 3
per dozen . . . 1 8

per dozen . . . 2 „

Handsome distinctly coloured varieties, mixed.

3281. ♂ — — calycanthema, *mixed* . „ 5
146. — muralis. . . . . „ 3
2333. † — nitida 1 3
148. — nobilis (FLORE, III, 247). . „ 3
per dozen . . . 2 „

Purple and white bells, mixed.

150. — persicifolia . . . . . „ 3
3058. — — alba. . . . . „ 5
153. — Portenschlagiana. . . . „ 3
813. † — pulla . . . . . „ 5
154. † — pulsilla alba . . . . . „ 3
155. † — — cœlestina . . . . . „ 5
156. — pyramidalis . . . . . „ 3
per dozen . . . 2 „
1170. — — alba. . . . . „ 5
1029. † — Raineri (FLORE, XVIII, 139) 2 6
158. — rhomboidea flore pleno. . „ 10
1146. † — Scheuchzeri . . . . . „ 5
160. — soldanellæflora flore pleno . „ 10
(FLORE, XVIII, 93.)

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10876

Cupressus Cornuyana

Dec 6 1881

Hook effusus

×150

×60

×60

×150

×150

another scale

×10

Cones 6–7 lines high
8–12 scales
glabrous or
longer ones
oval, 8–10 lines
long
of 12 scales

×4

×10

3–7 ovules
in each scale

×4

front

back

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10877

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Cobaea scandens Cav.
Collomia bicolor Bth.
grandiflora Desf.
—*var.* tenuiflora
Gilia capitata Dougl.
inconspicua Dougl.
laciniata R. P.
Liebmanni Schm.
millefolia Bth.
nivalis Hort.
rigidula Bth.
tricolor Bth. v. alba
—*var.* rosea
Ipomopsis elegans Mchx.
Leptodactylon californicus Bth.
Leptosiphon roseus Bth.
Navarretia heterophylla Berilh.
involucrata R. P.
Phlox paniculata L.

POLYGALEAE

Polygala brachypoda Tod.
dalmaisiana Hort.
grandiflora Lodd.
—*var.* superba
latifolia Ker.
nebroides Campd.
obtusifolius L.
patientia L.
pulcher L.
purpureus Poir.
salicifolius Weinm.
sanguineus L. v. genuinus
tuberosus L.
—*var.* rubricaule
Woodii Dnts.

POMACEAE

Cotoneaster Fontanesii Spch.
pyracantha Spch.
Crataegus affinis Wendl.
coccinea Lindl.
crux-galli L.
elliptica Ait.
flava Ait.
Heldreichii Boiss.
maroccana Pers.
oxyacantha L.
—*var.* fol. variegatis
—*var.* monostyla
stipulacea Lodd.
triloba Pers.
parviflora Link.
Asterolinum adoense Kze.
Cyclamen graecum Link.
neapolitanum Ten.
repandum Sib. Sm.
vernum Rchbch.
Primula elatior Jacq.
suaveolens Bert.
veris L. *fl. pleno*

RANUNCULACEAE

Adonis autumnalis L.
cupaniana Guss.
Anemone coronaria L.
hudsoniana Bich.
palmata L.
pensylvanica L.
umbellata Willd.
virginica L.
Aquilegia atrata Koch.
Bauhini Schott.
bergeriana S. et Z.
Bungei Sieb. et Zucc.
canadensis L.
—*var.* cupreata
chrysantha Hort.

0 cm 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Myosurus minimus L.
Nigella arvensis L.
damascena L.
—*var.* coerulea
foeniculacea DC.
Fontanesii Hort.
hispanica L.
—*var.* atropurpurea
orientalis L.
sativa L.
Paeonia Russi Biv.
Ranunculus abortivus L.
angulatus Prsl.
armeniacus B. et R.
arvensis L.
asiaticus L.
brutius Ten.
bulbosus L.
carolinianus DC.
cassius Boiss.
caucasicus Bbrst.
chius DC.
constantinopolitanus Urv.

[illegible]
dasycarpum F. et M.
densiflorum H. B.
dichotomum Hort.
diffusum Schrad.
dioicum Lin.
eminens Hort. Prag.
exaltatum Mey.
floribundum Schr.
glaucum DC.
jacquinianum DC.
japonicum Thg.
lacero-stipulatum Koch.
lucidum L.
major Dumort.
mediterraneum Jord.
minus L.
nutans Desf.
obtusilobum Tausch.
polygamum Mhlg.
repens L.
ruthenicum Schrad.
speciosum Pers.

Wihhor Luce.
Zyzyphus vulgaris Lam.

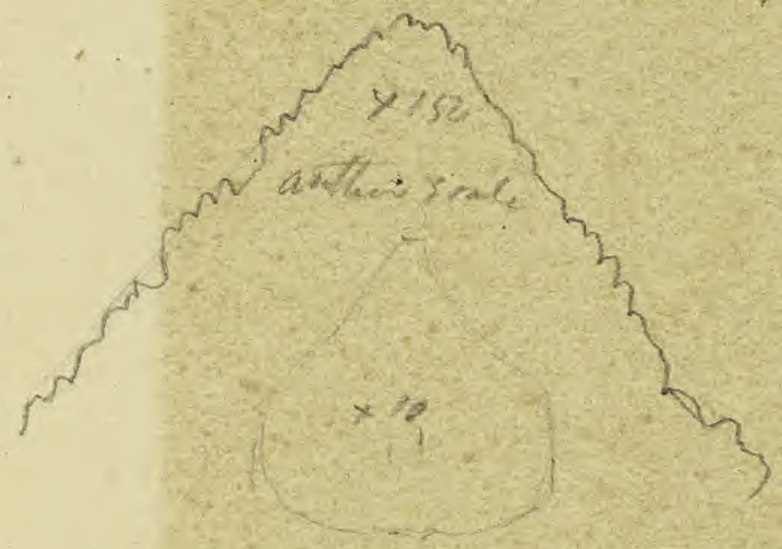
ROSACEAE

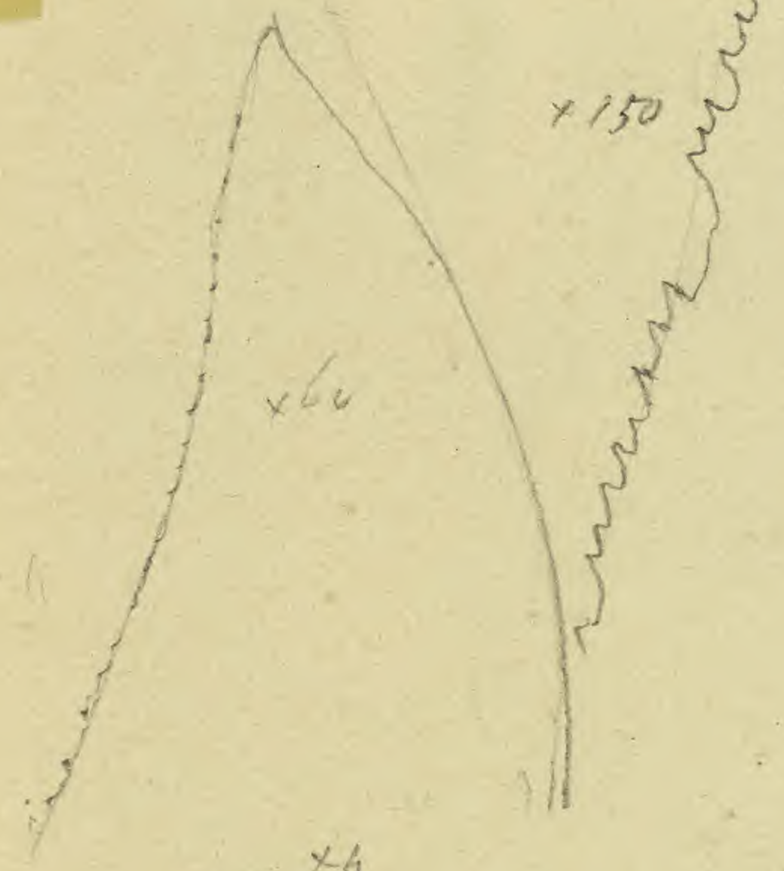
Acaena sauguisorba Vahl.
Agrimonia caffra G. Mey.
eupatoria L.
leucantha Kze.
parviflora Ait.
Geum album Gmel.
atlanticum Desf.
aurantiacum Hort.
chilense Balb.
coccineum Sbth.
hispidum Fries.
japonicum Thg.
Laxmanni Gaert.
molle Panc.
montanum L.
rafinesquianum Steud.
ranunculoides Sering.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10878

MISSOURI BOTANICAL GARDEN
0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved

Cyperus glomeratus
Det. S. 1881
collected Antibes 1875





seeds immature
imbricate vesicles

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10879

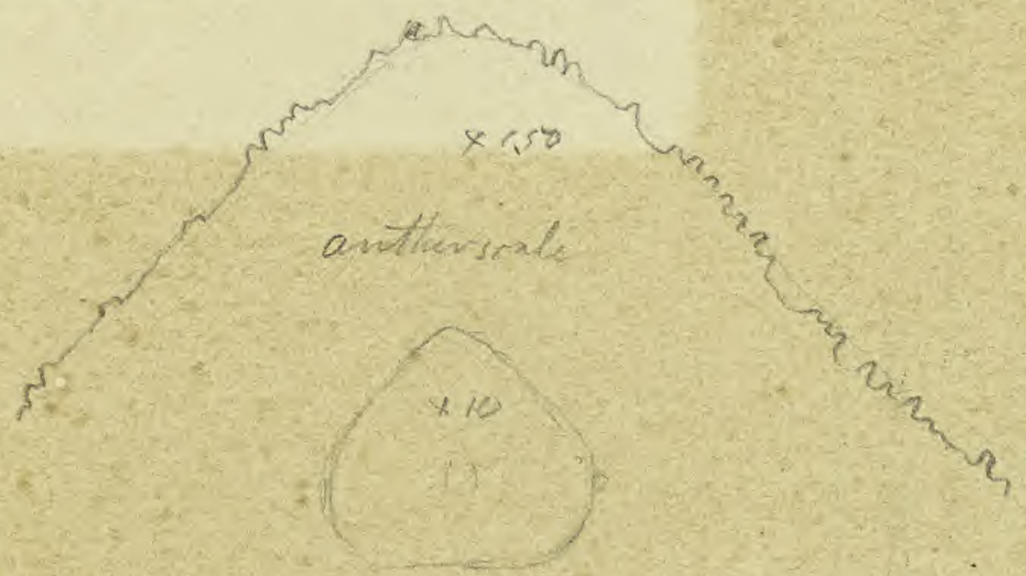
cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Dec 5 1881

Cupressus pendula
H.B. Tisa March 1 1865

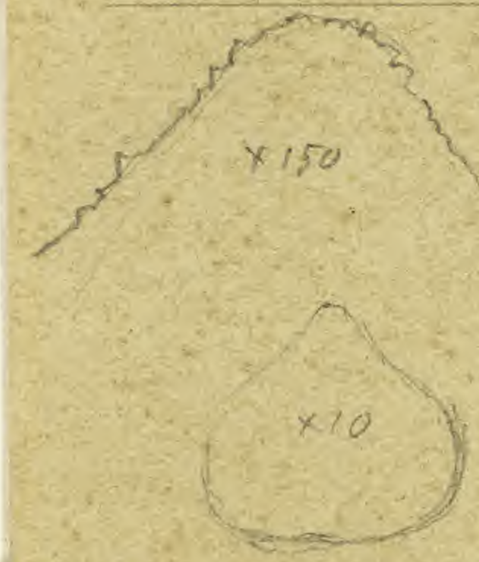
Common fertile pair of scales

8 fertile and 2 upper sterile scales
Middle scales with 11 ovules



Host Bot. Montpellier March 1865

Cones 5 lines, 6–8 scales strongly knobbed with foliaceous indurated Crests



0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10880

copyright reserved
MISSOURI BOTANICAL GARDEN

Poterium agrimoniaefolium Cav.
dictyocarpum Hort.
mauritanicum Spch.
spinosum L.
stenolophum Spch.
verrucosum Link.
Rhodotypus kerryoides Sieb. Z.
Rosa alpina L. *v.* corymbosa
altaica Willd.
arvensis Huds. L.
bracteata Wendl.
canina L.
cuspidata Bbrst.
damascena L.
dumetorum Thuil.
fissispina Würzb.
gallica L.
indica L.
—*plur. var.*
leucantha L.
mollissima Borckh.
—*var.* nemoralis
multiflora Thg.
noisettiana Red.
orientalis Dupont.
pimpinellaefolia L.

Asperula brevifolia Boiss.
macrocarpa Boiss.
montana W. K.
rupestris Tin.
scutellaria Vis.
Crucianella lugdunensis Jord.
stylosa Trin.
Cryptospermum grandiflorum Joung.
Galium aethnicum Biv.
aparinella Lge.
Barrelieri Salzm.
caudatum Boiss.
cordatum R. S.
decipiens Ehrh.
divaricatum Lam.
dumetorum Jord.
fruticosum Willd.
glomeratum Desf.
linifolium Lam.
lucidum All.
melanthemum Boiss.
mollugo L.
nebulosum Boiss.
pallidum Prsl.
saccharatum All.

Cardiospermum halicacabum L.
Dodonea viscosa L.
Kölreutera paniculata Laxm.

SANTALACEAE

Oryris alba L.

SAPOTACEAE

Argania spinosa Schousb.
Bumelia ambigua Ten.
lycioides Willd.
tenax Willd.

SAURUREAE

Aponogetum distachyum Thg.
Houttuynia cordata Thg.

SAXIFRAGEAE

Escallonia candida Hort.
maderiensis Hort.
rubra Pers.
viscosa L.
Heuchera divaricata Fisch.
hispida Prsh.

0 cm 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

10881

Missouri Botanical Garden
George Engelmann Papers

Digitalis purpurea L.
Franciscea eximia Hort.
macrantha Lem.
Gratiola officinalis L.
Halleria lucida L.
Linaria albifrons Spr.
amethystina Lam.
capraria Dnts.
cirrhosa Willd.
delphinioides Gay.
elegans Bess.
graeca Chav.
italica Ten.
linogrisea Lk. et Hffmg.
lusitanica Spr.
maroccana Hook.
melanantha Boiss. et Reut.
minutiflora Cav.
multicaulis Desf.
origanifolia DC.
parnassica Boiss. et Ball.
parviflora Spr.
Perezii Gay.

graphaloides M. Bieb.
holothyrsum Blanch.
laxiflorum Prsl.
longifolium Ten.
nigrum L.
rigidum Boiss.
schiedeanum Koch.
sinuatum L.
tripolitanum Blanch.
Veronica anagallis L.
—*var.* anagalloides
Andersonii Hort.
azurea Link.
bractescens Tausch.
crenulata Hoffm.
Buxbaumii Ten.
cuneata Guss.
eminens K.
erythrocarpa Haw.
excelsa Desf.
graciliflora K.
grandis Fisch.
laciniata Ait.

Schotti Sendt.
tomentosus Bth.
Warszewiczii Hort.
Hyoscyamus agrestis W. et K.
major Mill.
multifidus Hort.
Jochroma coccineum Bth.
Lycium afrum L.
lanceolatum Poir.
mediterraneum Dun.
ovatum Duham.
ruthenicum Murr.
—*var.* glaucum
Lycopersicum cerasiforme Dun.
esculentum Mill.
—*plur. var.*
Humboldtii Dun.
—*var.* fruct. luteis
pyriforme Dun.
—*plur. var.*
racemigerum Lang.
—*var.* fruct. luteis

Missouri Botanical Garden
0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved

Cupressus funebris
coll Anthony

Fig 6. 1881

×60

×150

×60

×150

lateral leaf

frontal leaf

bracteoles
much enlarged
×10

frontal

lateral

×150

Cones 5–6 lines
6–8 scales
with thoroughly
knobbed

×10
(1)

×4

×4

4–6–8 ovules only

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10882

cm 0 1 2 3 4 5 6 7 8 9 10
MISSOURI BOTANICAL GARDEN
copyright reserved

Capsules very compressed, fruit-joints

Dec 4 1881

Hartbet. Pisanus

Host Thurst Antibes

×150

another scale

×10

male fl. terete
oblong, 20 scales

×10

cone axis 1, 12–13 bl.
by 15 br. long
12–16 scales, transverse
obtusely keeled in centre

×150

×10

fem axis ×4

×10

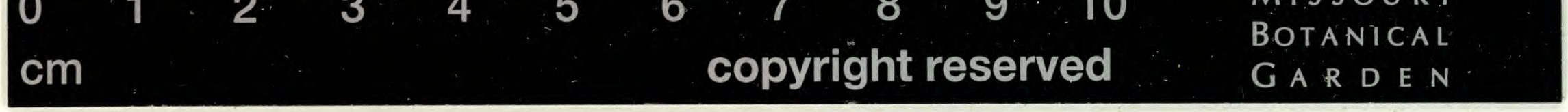
×10

15–22 ovules

×4

Naples

(also Antibes)



H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10883

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

		s.	d.
823.	**Dodecatheon** integrifolium. . .	1	8
214.	— Jeffreyi	1	3

(FLORE, XVI, 99.)

A gigantic Dodecatheon lately imported from the *Far West* of North America. Its leaves are long and erect ; the flowers, very large, on the summit of flower stems, stiff as iron, are of a beautiful carmine colour. The plant forms fine bushes and, seen at a distance when flowering, it easily may be taken for bushes of Cyclamen flowers, of which they are the nearest neighbours in the order of the Primulaceas. Quite hardy.

215.	— Meadia	„	5
216.	— — elegans	„	8
	per dozen . . .	6	„

One of the most handsome of the genus.

217.	— — flore albo	„	10
219.	— — giganteum	„	10
221.	— — lilacinum.	„	10
222.	— — obscurum.	„	10
826.	**Doronicum** Pardalianches . . .	„	5

Orange yellow large flowers. Two feet in height.

3080.	† **Draba** aizoides.	„	8
224.	† — alpina	„	5
3081.	† — contorta	„	8
2976.	† — gigas	„	10
2977.	† — lasiocarpa.	1	8
225.	**Dracocephalum** altaicum . . .	„	5
226.	— grandiflorum	„	5
228.	— speciosum	„	5
232.	**Echinacea** intermedia	„	5

(FLORE, IV, 356.)

3083.	† **Eryngium** alpinum	„	10
3082.	† — Bourgati	„	10
254.	— bromeliæfolium	„	5
	per dozen . . .	4	„

Resembles an Ananas; fine foliage.

255.	— pumilum (*azureum*) . . .	„	5
256.	— rigidum	„	5
1035.	**Erysimum** Barbarea flore pleno .	„	5
257.	♂ — — foliis variegatis . . .	„	5
	per dozen . . .	4	„
1013.	**Erythrochæte** palmatifida . . .	1	8

A Japanese introduction with large palmated leaves and large golden yellow flowers. Will appear in the XXIIth volume of the FLORE.

3084.	† **Falcaria** latifolia	1	8
259.	**Farfugium** grande	„	5

(FLORE, XII, 11.)

Ferns, hardy, see Index.

2139.	**Ferula** communis	„	5
	per dozen . . .	4	„

Foliage very ornamental, useful for bouquets.

260.	**Festuca** glauca	„	5
	per dozen . . .	4	„

An excellent grass for edging, with fine glaucous leaves.

843.	**Francoa** ramosa picturata . . .	„	5
	per dozen . . .	4	„

Fraxinella, *see* Dictamnus.

2083.	**Funkia** alba	1	8

Extremely pure white.

264 ... cucullata alba-marginata ... „ 5

		s.	d.
3078. †	**Campanula** speciosa	2	6
2838.	— Trachelium fl. albo pleno .	„	10

Pure white, very double.

	— — *mixed, fine.*	„	5
	per dozen . . .	4	„
1024.	— turbinata	„	10
	per dozen . . .	8	„
1227.	— — variegata	„	10
164.	— (*hybr.*) Van Houttei (FLORE)	„	8

Very large, of a fine deep glossy violet; rarely exceeds 12 to 14 inches in height; appears to be derived from *Camp. macrantha* and *C. nobilis*. The largest flowers in this genus.

165.	**Cardamine** trifoliata.	„	5
166.	**Carex** japonica foliis luteo-marg.	„	5
	per dozen . . .	4	„
	per cent	28	„
756.	— pilulifera aureo-marginata .	„	10
	per dozen . . .	8	„
935.	— riparia foliis albo-variegatis .	„	8
	per dozen . . .	6	„
167.	**Catananche** cærulea.	„	5
168.	— — bicolor	„	5
169.	**Centaurea** babylonica	„	10
2345.	— Clementei	„	5
1171.	— dealbata	„	8

		s.	d.
186.	**Coreopsis** auriculata.	„	5
	per dozen . . .	4	„
187.	— lanceolata	„	5
	per dozen . . .	4	„
956.	— longipes	„	3
188. †	**Cortusa** Matthioli.	„	10
191.	**Corydalis** capnoides alba . . .	„	3
192.	— — lutea	„	3
193.	— nobilis (FLORE, III, 195) . .	2	6
194.	**Cucumis** perennis	„	10
	per dozen . . .	8	„

A hardy perennial Pumpkin with very large root; its superb foliage renders it particularly suitable for the decoration of blank walls, arbours, etc.

198.	**Czackia** Liliastrum (*Anthericum*) .	„	5
	per dozen . . .	4	„

Flower similar to little white Lilies.

199.	**Dactylis** glomerata foliis variegatis	„	3
	per dozen . . .	2	„

Delphinium, see Index.

Daisy, see *Bellis*.

957.	**Dianthus** barbatus *in rich varieties, per dozen* . . .	2	6

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10884
cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

variegatis . . . . . „ 5
297. † **Globularia** cordifolia . . . . „ 8
3092. † — nana . . . . . „ 8
858. † — nudicaulis . . . . . „ 10
1086. † — vulgaris . . . . . „ 8
3093. † **Gnaphalium** anatolicum . . . 1 3
1005. — dioicum . . . . . „ 5
3094. † — lanatum 1 3
299. † — Leontopodium . . . . „ 10

An alpine plant of extraordinary appearence. Compact rosette-shaped flowers, very curiously covered with a woolly texture.

300. — margaritaceum. . . . . „ 3
per dozen . . . . 2 „
301. **Gunnera** manicata, *from* 10d, 4 to 8 „
per dozen . 8 to 80 „

Grand in all its parts, this magnificent species, quite distinct from the *Gunnera scabra* and of a recent introduction, is garnished with leaves attaining 13 to 16 feet in circumference. The texture of the leaves is of the same solidity as that of its congener, to which it is equal in hardiness, since it preserves its verdure till much later in the season than the *Gunnera scabra*.

302. — scabra . . . . . 5d to 8 „
(FLORE, XVIII, 119.)
per dozen . .4 to 80 „
per cent (3 *years seedlings*) . . 80 „

This is a grand and most ornamental plant. A single specimen, planted in an isolated position on a lawn, will soon measure 30 feet in circumference.

fragile) . . . . . „ 5
3126. — — flore pleno. . . . . „ 10
307. — Steveni. . . . . „ 5
per dozen . . . 4 „
3035. **Helenium** grandiflorum . . . „ 10
Very large flowers.
1190. — Hoopesi . . . . . „ 5
per dozen . . . 4 „
1044. **Helianthemum** grandiflorum flore luteo pleno. . . . . „ 5
1149. — mutabile flore pleno foliis variegatis . . . . „ 10
1040. — vulgare flore albo pleno . . „ 5
1041. — — — aurantiaco pleno . . „ 5
962. **Helianthus** Maximiliani . . . „ 5
per dozen . . . 4 „
309. **Helleborus** abschaticus. . . . „ 10
per dozen . . . 8 „
310. — — albus . . . . . „ 10
per dozen . . . 8 „
1052. — angustifolius. 2 6
311. — atrorubens 1 8
862. — caucasicus colchicus . . . 1 8
1053. — cupreus 1 8
1054. — dumetorum 2 6
1055. — graveolens 1 8
1056. — intermedius 2 6

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10885

GYNERIUM ARGENTEUM. — 5 d. to 1/8 *each*.

		s.	d.
317.	**Helleborus** orientalis	„	5
	per dozen . . .	4	„
1059.	— pallidus	1	8
318.	— purpurascens	„	5
	per dozen . . .	4	„
1060.	— viridis.	2	6

		s.	d.
327.	**Hemerocallis** flava	„	5
	per dozen . . .	4	„
328.	— fulva	„	5
	per dozen . . .	4	„
329.	— — flore pleno	„	5
	per dozen . . .	4	„

MISSOURI BOTANICAL GARDEN
8 9 10
0 1 2 3 4 5 6 7 cm
copyright reserved

Dec 4 1881

Cupressus Lusitanica
H. Bot. Pisa 1865

×150

×60

×10

×150
anther scale

×10

resin vesicle

resin vesicle

part of section
ring of Anthers
seed ×60, showing some
resin vesicles
on ventral side of seed

C. Lusitanica
Arbres 1875

edge of leaf
×150

Conn. 6-7 Cm thick
bark & scales

copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10886

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

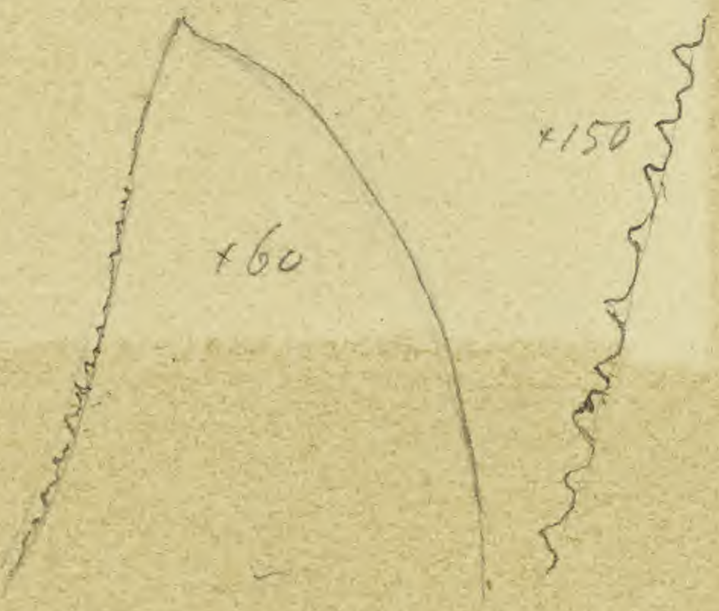
Tombos. Cupressus macrocarpa, Knight Dec 4 1881

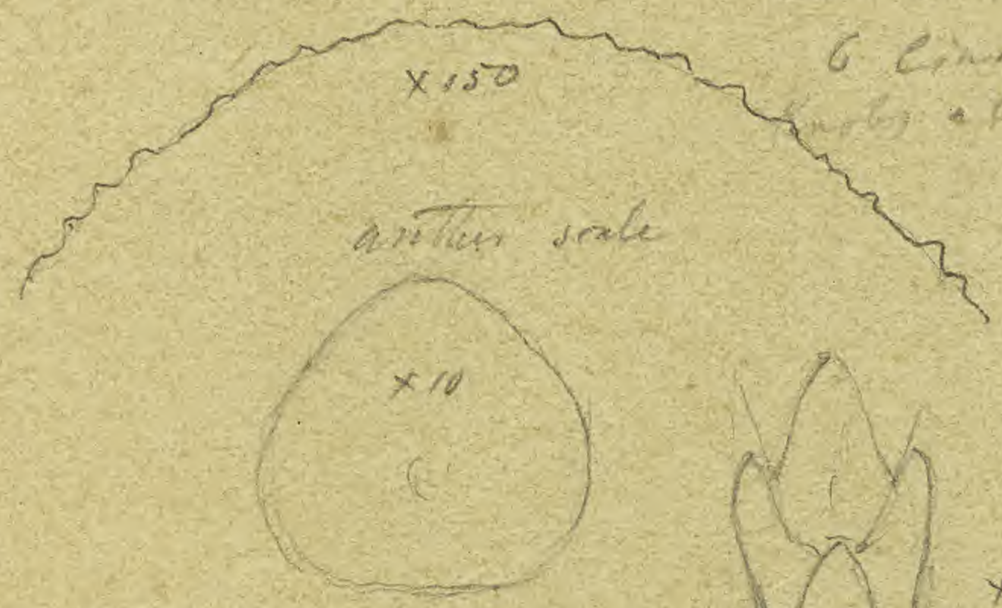
Antibes cult

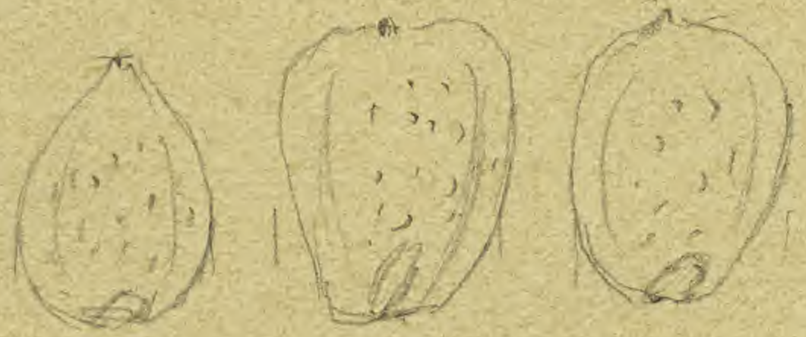
Cones 8–10 scales

6 Cones diam

Leaves 4 lines long







0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10887

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Cyperus Tenuifolius Torr!
H. B. Kunth ex Hb Cosson

Culms 7 Cms thick
10 sided, Knobbed
Centre or a little above

anther sacs ×150

×6

×150

×16

J.E H.B. Kunth Dec 1868

Com 4–6 sided
6 Cm thick

×4

Only traces of oil vessels

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

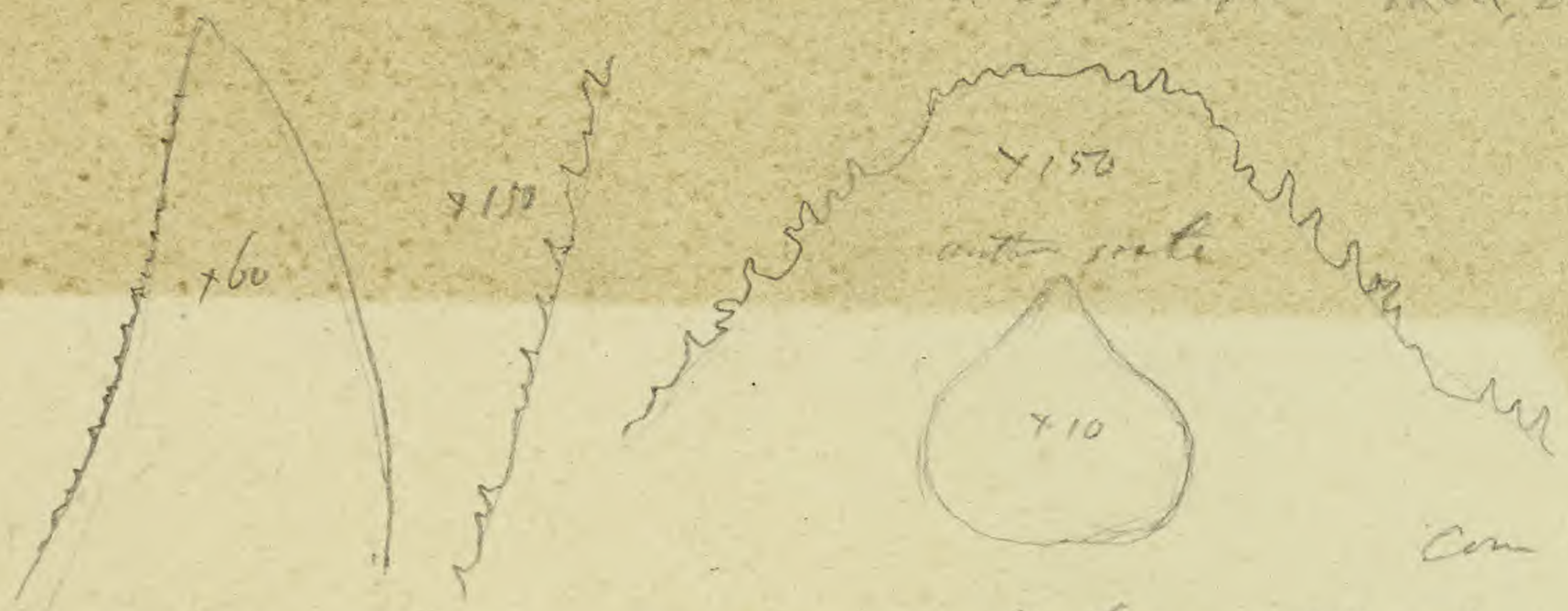
MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10888

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Jun 6 1881

Cystopteris tenuisecta
(Mett.) Blasdell 1876, Dec



Com with 6 scales
5–6 between

fern ament with 6 pointed scales
= glauca

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

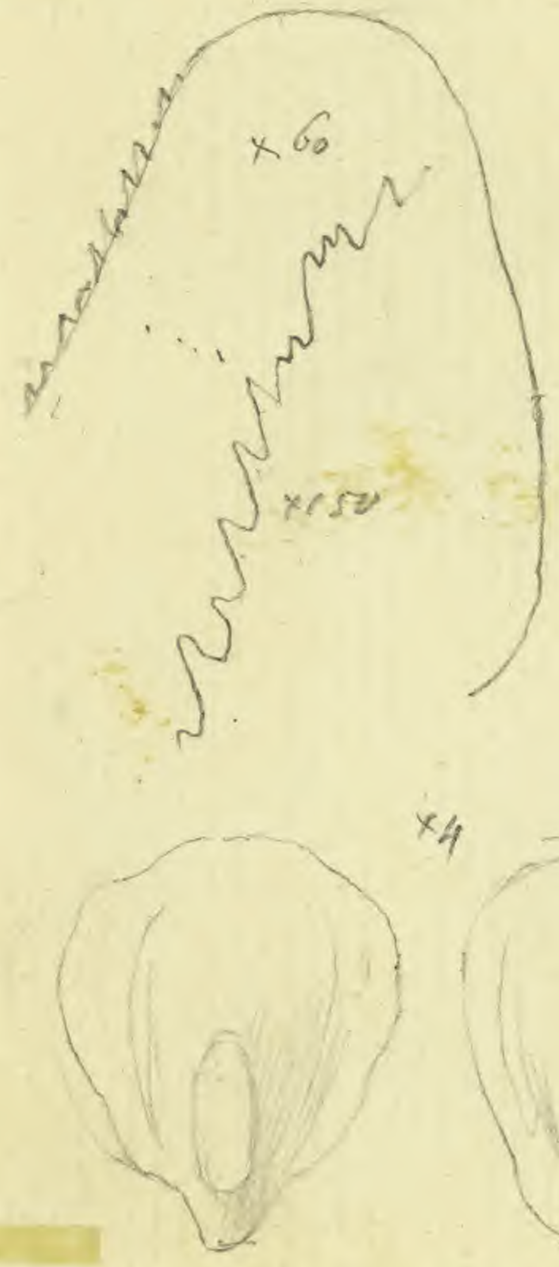
℞

10889

"Cupressus fastigiata"
Saida, Syria, Gaillardot

Dec 4 1821

Cones globose, 12 Lin. diam
Scales 10, Knobs very small, central



0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

10890

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS